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Sheet 1 of 1

FORM PTO-1449  
U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
I-2-0165.4USSERIAL NO.  
10/077,077APPLICANT  
John W. HaimINFORMATION DISCLOSURE  
STATEMENT BY APPLICANTFILING DATE  
February 15, 2002GROUP  
2681 2682

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER |   |   |   |   |   |   | DATE    | NAME      | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|---------------------|----|-----------------|---|---|---|---|---|---|---------|-----------|-------|----------|-------------------------------|
| CC                  | AA | 5               | 8 | 1 | 2 | 9 | 3 | 8 | 09/1998 | Gilhausen |       |          |                               |
| CC                  | AB | 6               | 0 | 6 | 7 | 4 | 5 | 8 | 05/2000 | Chen      |       |          |                               |
|                     |    |                 |   |   |   |   |   |   |         |           |       |          |                               |
|                     |    |                 |   |   |   |   |   |   |         |           |       |          |                               |
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## FOREIGN PATENT DOCUMENTS

|    |    | DOCUMENT NUMBER |   |   |   |   |   |    | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|----|----|-----------------|---|---|---|---|---|----|---------|---------|-------|----------|-------------|----|
|    |    |                 |   |   |   |   |   |    |         |         |       |          | YES         | NO |
| CC | AC | 9               | 7 | 1 | 8 | 6 | 4 | 3A | 05/1997 | WO      |       |          |             |    |
|    |    |                 |   |   |   |   |   |    |         |         |       |          |             |    |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|    |    |   |  |  |  |  |  |  |  |  |  |  |  |
|----|----|---|--|--|--|--|--|--|--|--|--|--|--|
| CC | AD | 3rd Generation Partnership Project, Technical Specification Group Radio Access    |  |  |  |  |  |  |  |  |  |  |  |
|    |    | Network, Multiplexing and channel coding (TDD), TS 25.222 V3.6.0, 2001.           |  |  |  |  |  |  |  |  |  |  |  |
| CC | AE | 3rd Generation Partnership Project, Technical Specification Group Radio Access    |  |  |  |  |  |  |  |  |  |  |  |
|    |    | Network, Spreading and modulation (TDD), TS 25.223 V3.5.0, 2001.                  |  |  |  |  |  |  |  |  |  |  |  |
| CC | AF | 3rd Generation Partnership Project, Technical Specification Group Radio Access    |  |  |  |  |  |  |  |  |  |  |  |
|    |    | Network, Physical Layer Procedures (TDD), TS 25.224 V3.6.2, 2001.                 |  |  |  |  |  |  |  |  |  |  |  |
| CC | AG | Association of Radio Industries and Businesses (ARIB), Volume 3, Specification of |  |  |  |  |  |  |  |  |  |  |  |
|    |    | Air-Interface for 3G Mobile Systems, Version 1.0, January 14, 1999.               |  |  |  |  |  |  |  |  |  |  |  |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.